

## WHAT IS CLAIMED IS:

1. A turbojet thrust reverser, comprising:
  - two doors displaceable between a reverser open position and a reverser closed position, each door being controlled by a respective electronic control unit connected to a full authority digital engine controller; and
  - two locking devices each enabling the position of the door associated therewith to be locked, each locking device being capable of being actuated solely on orders coming simultaneously from both electronic control units.
2. A thrust reverser according to claim 1, wherein each electronic control unit includes an electrical power supply unit connected to the locking device of the door with which it is associated via a switch, and a synchronizing unit controlling opening and closing of the switch associated with the locking device of the other door.
3. A thrust reverser according to claim 2, wherein each locking device locks the door with which it is associated in position when it is not powered electrically, and unlocks said door when simultaneously the electrical power supply unit of the electronic control unit controlling said door delivers an electrical voltage and the synchronizing unit of the electronic control unit controlling the other door causes the switch associated with said locking device to conduct.
4. A thrust reverser according to claim 3, wherein each synchronizing unit is connected to both channels of said full authority digital engine controller.
5. A thrust reverser according to claim 1, wherein each door is associated with an abutment locking device

controlled from the cockpit of the airplane on which said turbojet is designed to be mounted.